

Solving equations and inequalities – GCSE Mathematics Paper 3

1. No.29

The mass of a baby is 3.6 kilograms to 1 decimal place.

What is the error interval for the mass in kilograms?

Tick **one** box.

[1 mark]

☐

$$3.5 \leq \text{mass} \leq 3.6$$

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$$3.55 \leq \text{mass} \leq 3.65$$

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$$3.5 \leq \text{mass} < 3.6$$

☐

$$3.55 \leq \text{mass} < 3.65$$

2. No.1

Solve $4 + x = 12$

Circle your answer.

[1 mark]

$x = -16$

$x = -8$

$x = 8$

$x = 16$

3. No.17

$$m^2 > 9$$

Circle the possible value of m .

[1 mark]

$$-2\frac{7}{8}$$

$$2.8$$

$$3$$

$$-\frac{7}{2}$$